

AMENDMENTS TO THE CLAIMS

CLAIMS

We Claim:

1. (original) A method for treating a wound, comprising:
 - a) providing
 - i) an MMP prodomain peptide, and
 - ii) a subject having at least one wound; and
 - b) administering said peptide to said subject under conditions such that the healing of said wound is promoted.
2. (original) The method of Claim 1, wherein said subject is a patient with diabetes.
3. (original) The method of Claim 1, wherein said subject is a burn patient.
4. (original) The method of Claim 1, wherein said wound is a chronic wound.
5. (original) The method of claim 1, wherein said peptide is derived from MMP 1.
6. (currently amended) The method of Claim 5, wherein said peptide has the amino acid sequence Ac-PRCGVPDVAQF-NH₂ (SEQ ID NO:1).
7. (original) The method of claim 1, wherein said peptide is derived from MMP 7.
8. (currently amended) The method of claim 7, wherein said peptide has the amino acid sequence Ac-PRCGVPDVAEY-NH₂ (SEQ ID NO:2).
9. (original) The method of claim 1, wherein said peptide is derived from MMP 2.

10. (currently amended) The method of claim 9, wherein said peptide has the amino acid sequence Ac-PRCGNPDVANY-NH₂ (SEQ ID NO:3).
11. (original) The method of claim 1, wherein said peptide is derived from MMP 9.
12. (currently amended) The method of claim 11, wherein said peptide has the amino acid sequence Ac-PRCGVPDLGRFQ-NH₂ (SEQ ID NO:4).
13. (original) A kit for the treatment of wounds in a subject, comprising
 - a) an MMP prodomain peptide; and
 - b) instruction for using said peptide to treat said wounds in said subject.
14. (original) The kit of Claim 13, wherein said subject is a patient with diabetes.
15. (original) The kit of Claim 13, wherein said subject is a burn patient.
16. (original) The kit of Claim 13, wherein said wound is a chronic wound.
17. (original) The kit of claim 13, wherein said peptide is derived from MMP 1.
18. (currently amended) The kit of Claim 17, wherein said peptide has the amino acid sequence Ac-PRCGVPDVAQF-NH₂ (SEQ ID NO:1).
19. (original) The kit of claim 13, wherein said peptide is derived from MMP 7.
20. (currently amended) The kit of claim 19, wherein said peptide has the amino acid sequence Ac-PRCGVPDVAEY-NH₂ (SEQ ID NO:2).
21. (original) The kit of claim 13, wherein said peptide is derived from MMP 2.

22. (currently amended) The kit of claim 21, wherein said peptide has the amino acid sequence Ac-PRCGNPDVANY-NH₂ (SEQ ID NO:3).

23. (original) The kit of claim 13, wherein said peptide is derived from MMP 9.

24. (currently amended) The kit of claim 23, wherein said peptide has the amino acid sequence Ac-PRCGVPDLGRFQ-NH₂ (SEQ ID NO:4).